

(SUBMIT IN TRIPLICATE)

Indian Agency Navajo
Tribal Council

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Allottee

Lease No. 14-70-603-305

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL	SUBSEQUENT REPORT OF WATER SHUT-OFF	
NOTICE OF INTENTION TO CHANGE PLANS	SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING	<input checked="" type="checkbox"/>
NOTICE OF INTENTION TO TEST WATER SHUT-OFF	SUBSEQUENT REPORT OF ALTERING CASING	
NOTICE OF INTENTION TO REDRILL OR REPAIR WELL	SUBSEQUENT REPORT OF REDRILLING OR REPAIR	
NOTICE OF INTENTION TO SHOOT OR ACIDIZE	SUBSEQUENT REPORT OF ABANDONMENT	
NOTICE OF INTENTION TO PULL OR ALTER CASING	SUPPLEMENTARY WELL HISTORY	
NOTICE OF INTENTION TO ABANDON WELL		

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

Navajo December 14, 19 55
Well No. 1 is located 750 ft. from N line and 760 ft. from W line of sec. 10
10 SW SW Sec. 10 136 71E S. 1. B.
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)
Wildcat - Chinle Wash San Juan Utah
(Field) (County or Subdivision) (State or Territory)

The elevation of the ~~derrick floor~~ ^{KB} above sea level is 5129 ft.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudlogging jobs, cementing points, and all other important proposed work)

Perforated Hernandez-Paradox Transition Zone 5035-5070' 4 holes per ft by Lane Wells. Strabbed some water with sour brown oil. Acidized perfs with 500 gals. Howell NF32, 320 2000 gals. Jel X500, 1500 gals. SP 32, flushed with 21 1/2 bbls. water, no break down, max pressure 4200#, avg rate 1 1/2 bpm. Flowed back treatment water, acid fluid, NS emulsion and salt water and oil. 12/12 swabbed 52 1/2 bbls. oil 27 1/2 bbls. water. On 12/13/55 - 7 a.m. to 9 a.m. swabbed 17 bbls. oil 5 bbls. water. 9 a.m. to 5 p.m. swabbed 66 bbls. dry oil. Fill up - 1000' every 2 1/2 mins.

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company The Ohio Oil Company

Address P. O. Box 120

Casper, Wyoming

COPY (ORIGINAL SIGNED)
M. J. BOYCE

By

Title Division Superintendent
of Production

(SUBMIT IN TRIPLICATE)

Indian Agency Navajo
Tribal CouncilUNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYAllottee _____
Lease No. 14-20-603-305

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL	SUBSEQUENT REPORT OF WATER SHUT-OFF
NOTICE OF INTENTION TO CHANGE PLANS	SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING
NOTICE OF INTENTION TO TEST WATER SHUT-OFF	SUBSEQUENT REPORT OF ALTERING CASING
NOTICE OF INTENTION TO REDRILL OR REPAIR WELL	SUBSEQUENT REPORT OF REDRILLING OR REPAIR
NOTICE OF INTENTION TO SHOOT OR ACIDIZE	SUBSEQUENT REPORT OF ABANDONMENT
NOTICE OF INTENTION TO PULL OR ALTER CASING	SUPPLEMENTARY WELL HISTORY
NOTICE OF INTENTION TO ABANDON WELL	<u>Report of perf, acidizing and test</u> X

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

December 14, 19 55

Navajo

Well No. 1 is located 750 ft. from N line and 760 ft. from W line of sec. 10

NE 1/4 Sec. 10

(1/4 Sec. and Sec. No.)

43S

(Twp.)

21E

(Range)

S.L.B.

(Meridian)

Chinle Wash

(Field)

San Juan

(County or Subdivision)

Utah

(State or Territory)

The elevation of the derrick ^{grd} floor above sea level is 5118' ft.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudlogging jobs, cementing points, and all other important proposed work)

Perforated Paradox 5120-45' with 25 shots. Acidized, packer at 5068' KB, 500 gals. WP 32 followed by 2000 gals. Jel K500 followed by 1500 gals. WP 32 flushed with 21 bbls. water. Started in 1/2 bpm 3100#, broke to 2000# w/one truck. With 2 trucks pressure went to 3800#, broke to 3100# in 1 1/2 min. Max pressure 3800# 2 to 4 bpm. Swab tested, water with very light scum of oil. Set Baker retainer at 5100' dumped 2 sacks on top, to test next zone.

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company The Ohio Oil CompanyAddress P. O. Box 120Casper, Wyoming

COPY (ORIGINAL SIGNED)

M. J. BOYCE

By _____

Title Division Superintendent of Production

(SUBMIT IN TRIPLICATE)

Indian Agency Navajo
Tribal Council
Allottee Tribal
Lease No. 11-70-603-385

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL	SUBSEQUENT REPORT OF WATER SHUT-OFF	
NOTICE OF INTENTION TO CHANGE PLANS	SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING	X
NOTICE OF INTENTION TO TEST WATER SHUT-OFF	SUBSEQUENT REPORT OF ALTERING CASING	
NOTICE OF INTENTION TO REDRILL OR REPAIR WELL	SUBSEQUENT REPORT OF REDRILLING OR REPAIR	
NOTICE OF INTENTION TO SHOOT OR ACIDIZE	SUBSEQUENT REPORT OF ABANDONMENT	
NOTICE OF INTENTION TO PULL OR ALTER CASING	SUPPLEMENTARY WELL HISTORY	
NOTICE OF INTENTION TO ABANDON WELL		

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

Navajo

January 11, 1956

, 19

Well No. 1 is located 750 ft. from [N] line and 760 ft. from [W] line of sec. 10

31 - Sec. 10

(1/4 Sec. and Sec. No.)

43S

(Twp.)

21E

(Range)

31E

(Meridian)

Chinle Wash

(Field)

San Juan

(County or Subdivision)

Utah

(State or Territory)

The elevation of the ~~derrick floor~~ ground above sea level is 5118 ft.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

12/29/55 Pulled retainer to 1260'. Perforated 1210-140', acidized with 2000 gals. H₂O 32, 2000 gals Jell 1500, flushed with 20 bbls. water. Average treatment rate 3.1 bpm, shut in pressure 850#. Swabbed rate 27 bbls. oil 12 bbls. water 8 hrs. Gravity 33.7°. Pulled retainer and 2" tubing. Ran 2 7/8" tubing and rods. Setting pump unit.

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company The Ohio Oil Company

Address P. O. Box 120

Casper, Wyoming

COPY (ORIGINAL SIGNED)
M. J. BOYCE

By

Title Division Superintendent of Production

(SUBMIT IN TRIPLICATE)

Indian Agency Navajo
Tribal Council
Allottee Tribal
Lease No. 11-20-603-385

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL		SUBSEQUENT REPORT OF WATER SHUT-OFF	
NOTICE OF INTENTION TO CHANGE PLANS		SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING	X
NOTICE OF INTENTION TO TEST WATER SHUT-OFF		SUBSEQUENT REPORT OF ALTERING CASING	
NOTICE OF INTENTION TO REDRILL OR REPAIR WELL		SUBSEQUENT REPORT OF REDRILLING OR REPAIR	
NOTICE OF INTENTION TO SHOOT OR ACIDIZE		SUBSEQUENT REPORT OF ABANDONMENT	
NOTICE OF INTENTION TO PULL OR ALTER CASING		SUPPLEMENTARY WELL HISTORY	
NOTICE OF INTENTION TO ABANDON WELL			

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

Navajo January 11, 19 56
Well No. 1 is located 750 ft. from N line and 760 ft. from E line of sec. 10
31-Sec. 10 435 21 E S.L.D.
(4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)
Chinle Wash San Juan Utah
(Field) (County or Subdivision) (State or Territory)

The elevation of the ~~surface~~ ground above sea level is 5118 ft.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

12/17/55 Set retainer at 5020', perforated Paradox 4960-5005', acidized w/500 gals HF32, 2000 gals. Jell X and 1500 gals. HF32, 3 bpm 5200 to 3000'. Last swab run - 15 bbls. oil 25 bbls. water 8 hrs. Reacidized with 6000 gals. Scrubbed water with seum oil. Shut in 72 hrs, had 700' fluid in hole. Scrubbed 53 bbls. fluid 2 1/2 hrs - 36 bbls. water 17 bbls. oil - 60' cut.

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company The Ohio Oil Company

Address P. O. Box 120

Casper, Wyoming

COPY (ORIGINAL SIGNED)
M. J. BOYCE

By

Title Division Superintendent of Production

The Ohio Oil Co.

Casper, Wyoming
February 24, 1956

State of Utah
Oil and Gas Conservation Commission
Salt Lake City 14, Utah

Gentlemen:

Enclosed please find sundry notices filed with the U. S. G. S. covering drilling and other work done on our Navajo Well #1 located in Sec. 10, T. 43 S., R. 21 E., San Juan County, Utah. We are sorry that you were not sent copies of these papers sooner.

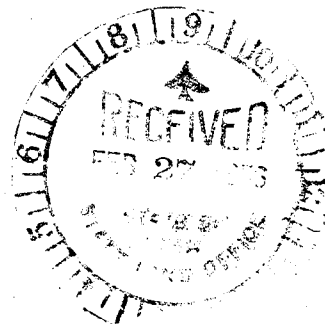
We would appreciate your sending us a book on your Commission regulations, this office c/o M. J. Boyce.

Yours very truly,



M. J. BOYCE

MJB:c



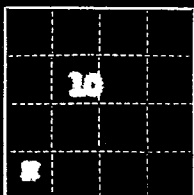
(SUBMIT IN TRIPLICATE)

Indian Agency Havajo

Tribal Council

Allottee Tribal

Lease No. _____

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL.....	<input checked="" type="checkbox"/>	SUBSEQUENT REPORT OF WATER SHUT-OFF.....	
NOTICE OF INTENTION TO CHANGE PLANS.....		SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING.....	
NOTICE OF INTENTION TO TEST WATER SHUT-OFF.....		SUBSEQUENT REPORT OF ALTERING CASING.....	
NOTICE OF INTENTION TO REDRILL OR REPAIR WELL.....		SUBSEQUENT REPORT OF REDRILLING OR REPAIR.....	
NOTICE OF INTENTION TO SHOOT OR ACIDIZE.....		SUBSEQUENT REPORT OF ABANDONMENT.....	
NOTICE OF INTENTION TO PULL OR ALTER CASING.....		SUPPLEMENTARY WELL HISTORY.....	
NOTICE OF INTENTION TO ABANDON WELL.....			

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

HAVAJO

April 13, 1954

Well No. 1 is located 750 ft. from S line and 750 ft. from W line of sec. 10
10 (1/4 Sec. and Sec. No.) 43-6 (Twp.) 21-4 (Range) _____ (Meridian)
Chinle Sand (Field) San Juan (County or Subdivision) Utah (State or Territory)

The elevation of the ~~center~~ ground above sea level is 5130.2 ft.

DETAILS OF WORK

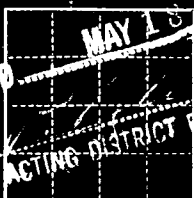
(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

Shinarump - 1750'; Cutler - 1875'; Upper Hermosa - 1850'; Lorados - 4710';
Lower Hermosa 5265'; Leadville Gases - 5500'; Albert - 5985'; Cambrian - 6750'.
Set and Cement approximately 900' - 10-3/4" - 10.5# - J-55 Casing.
Set and Cement approximately 6750' - 7" - 23# - J & S. Casing if production
is found. Perforate if necessary 1 Run 2-7/8" - 6.5# - 100' tubing

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company THE HALL OIL COMPANYAddress P.O. Box 120Casper, WyomingBy W. H. HARRISTitle Production Superintendent

APPROVED



(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Indian Agency

Navajo

Tribal Council

Tribal

Allottee

Lease No.

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL	SUBSEQUENT REPORT OF WATER SHUT-OFF	
NOTICE OF INTENTION TO CHANGE PLANS	SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING	
NOTICE OF INTENTION TO TEST WATER SHUT-OFF	SUBSEQUENT REPORT OF ALTERING CASING	
NOTICE OF INTENTION TO REDRILL OR REPAIR WELL	SUBSEQUENT REPORT OF REDRILLING OR REPAIR	
NOTICE OF INTENTION TO SHOOT OR ACIDIZE	SUBSEQUENT REPORT OF ABANDONMENT	
NOTICE OF INTENTION TO PULL OR ALTER CASING	SUPPLEMENTARY WELL HISTORY	
NOTICE OF INTENTION TO ABANDON WELL	Report of running surface casing	X

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

Well No. 1 is located 760 ft. from N line and 760 ft. from E line of sec. 10
Sec. 10 43 21 100
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)
Chloris Wash San Juan Utah
(Field) (County or Subdivision) (State or Territory)

The elevation of the ~~derrick floor~~ above sea level is 5130 ft. unreduced ground

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

5-11-54 Drilled to 895' in shale. 2 1/2 895.27', 3-55, 60.50, 100 and casing, loaded 14' 9" hole. 100 sacks at 890' 100. Cemented with 100 sacks regular bulk cement, 50 calcium Chloride in last 100 sacks. Cemented by 11:00. Top plug at 877', plug down 10:10 p.m. 5-11-54. Good returns.

5-11-54 Pressured surface casing with 500 for 1 hr., OK.

5-15-54 Drilling at 1393' in sandy shale.

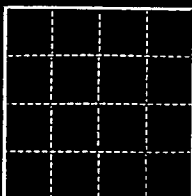
I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company The Ohio Oil CompanyAddress P. O. Box 120Camper, WyomingBy M. L. BeggsTitle Division Superintendent of Production

(SUBMIT IN TRIPLICATE)

Indian Agency Navajo
Tribal Council Navajo
Allottee Navajo
Lease No. _____

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY



SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL.....	SUBSEQUENT REPORT OF WATER SHUT-OFF.....
NOTICE OF INTENTION TO CHANGE PLANS.....	SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING.....
NOTICE OF INTENTION TO TEST WATER SHUT-OFF.....	SUBSEQUENT REPORT OF ALTERING CASING.....
NOTICE OF INTENTION TO REDRILL OR REPAIR WELL.....	SUBSEQUENT REPORT OF REDRILLING OR REPAIR.....
NOTICE OF INTENTION TO SHOOT OR ACIDIZE.....	SUBSEQUENT REPORT OF ABANDONMENT.....
NOTICE OF INTENTION TO PULL OR ALTER CASING.....	SUPPLEMENTARY WELL HISTORY.....
NOTICE OF INTENTION TO ABANDON WELL.....	<u>Report of Navajo surface casing</u> <u>X</u>

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

Well No. 1 is located 760 ft. from N line and 760 ft. from E line of sec. 10
NE 1/4 Sec. 10 4E 21 100W
 (1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)
Chino Valley San Juan NM
 (Field) (County or Subdivision) (State or Territory)

The elevation of the ~~derrick floor~~ above sea level is 5130 ft. unreliable

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

- 5-11-54 Drilled to 875' in shale. Dr. 875-877', 3-55, 10-55, 10-55, 10-55 casing, landed 14" 9" hole. 10-55, shoe at 870' 10-55. Cemented with 720 sacks regular bulk cement, 25 calcium chloride in last 120 sacks. Cemented by H&M. Top plug at 877', plug down 10:10 p.m. 5-11-54. Good returns.
- 5-11-54 Perforated surface casing with 500' for 1 hr., X.
- 5-15-54 Drilling at 1370' in sandy shale.

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company The White Oil Company

Address P. O. Box 120

Compass, Wyoming

By M. J. Boyer

Title Division Superintendent of
Protection

(SUBMIT IN TRIPLICATE)

Indian Agency _____

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Allottee _____

Lease No. _____

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL.....	SUBSEQUENT REPORT OF WATER SHUT-OFF.....
NOTICE OF INTENTION TO CHANGE PLANS.....	SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING.....
NOTICE OF INTENTION TO TEST WATER SHUT-OFF.....	SUBSEQUENT REPORT OF ALTERING CASING.....
NOTICE OF INTENTION TO REDRILL OR REPAIR WELL.....	SUBSEQUENT REPORT OF REDRILLING OR REPAIR.....
NOTICE OF INTENTION TO SHOOT OR ACIDIZE.....	SUBSEQUENT REPORT OF ABANDONMENT.....
NOTICE OF INTENTION TO PULL OR ALTER CASING.....	SUPPLEMENTARY WELL HISTORY.....
NOTICE OF INTENTION TO ABANDON WELL.....	

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

August 21, 1952

Well No. 1 is located 760 ft. from ^N line and 760 ft. from ^E line of sec. 20

Sec. 10 (4 Sec. and Sec. No.) 43 S (Twp.) 21 E (Range) Salt Lake (Meridian)

Wildcat (Field) San Juan (County or Subdivision) Utah (State or Territory)

The elevation of the derrick floor above sea level is 5127 ft.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

Cement Plugs:	No. Sacks
#1 6100 - 6250	60
#2 5800 - 5950	60
#3 4900 - 5100	80
#4 4000 - 4200	80
#5 2150 - 2300	60
#6 1750 - 2000	100
#7 850 - 950	40
#8 2 - 10	10
	<u>150</u>

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company THE OHIO OIL COMPANY

Address P. O. Box 948

Durango, Colorado

E. Parker Chipman

By E. Parker Chipman

Title Geologist

(SUBMIT IN TRIPLICATE)

Indian Agency Navajo

Tribal Council

Allottee TribalLease No. 111-111UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL.....	SUBSEQUENT REPORT OF WATER SHUT-OFF.....	
NOTICE OF INTENTION TO CHANGE PLANS.....	SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING.....	
NOTICE OF INTENTION TO TEST WATER SHUT-OFF.....	SUBSEQUENT REPORT OF ALTERING CASING.....	
NOTICE OF INTENTION TO REDRILL OR REPAIR WELL.....	SUBSEQUENT REPORT OF REDRILLING OR REPAIR.....	
NOTICE OF INTENTION TO SHOOT OR ACIDIZE.....	SUBSEQUENT REPORT OF ABANDONMENT.....	
NOTICE OF INTENTION TO PULL OR ALTER CASING.....	SUPPLEMENTARY WELL HISTORY.....	
NOTICE OF INTENTION TO ABANDON WELL.....	<u>Report of running surface casing</u>	<u>x</u>

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

Well No. 1 is located 760 ft. from N line and 760 ft. from W line of sec. 10
NECSW Sec. 10 43S 21E S.L.M.
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)
Chinle Wash San Juan Utah
(Field) (County or Subdivision) (State or Territory)

The elevation of the ~~derrick floor~~ above sea level is 5130' ft. ungraded ground

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

- 5-11-54 Drilled to 895' in shale. Ran 895.27', J-55, 40.5#, 8rd thd casing, landed 14' 9" below KB, shoe at 890' KB. Cemented with 390 sacks regular bulk cement, 2% calcium Chloride in last 100 sacks. Cemented by HWC. Top plug at 877', plug down 10:10 p.m. 5-11-54. Good returns.
- 5-14-54 Pressured surface casing with 500# for 1 hr., OK.
- 5-15-54 Drilling at 1393' in sandy shale.

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company The Ohio Oil CompanyAddress P. O. Box 120Casper, WyomingBy M. L. BoyerTitle Division Superintendent of Production

(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Indian Agency Navajo

Tribal Council

Allottee Tribal

Lease No. 14-2-10-2-285

	10	
x		

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL.....	<input checked="" type="checkbox"/>	SUBSEQUENT REPORT OF WATER SHUT-OFF.....	
NOTICE OF INTENTION TO CHANGE PLANS.....		SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING.....	
NOTICE OF INTENTION TO TEST WATER SHUT-OFF.....		SUBSEQUENT REPORT OF ALTERING CASING.....	
NOTICE OF INTENTION TO REDRILL OR REPAIR WELL.....		SUBSEQUENT REPORT OF REDRILLING OR REPAIR.....	
NOTICE OF INTENTION TO SHOOT OR ACIDIZE.....		SUBSEQUENT REPORT OF ABANDONMENT.....	
NOTICE OF INTENTION TO PULL OR ALTER CASING.....		SUPPLEMENTARY WELL HISTORY.....	
NOTICE OF INTENTION TO ABANDON WELL.....			

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

NAVAJO

April 13, 1954

Well No. 1 is located 760 ft. from NE line and 760 ft. from W line of sec. 10

NE 1/4 SW 10
(1/4 Sec. and Sec. No.)

43-S 21-E
(Twp.) (Range)

(Meridian)

Chino Wash
(Field)

San Juan
(County or Subdivision)

Utah
(State or Territory)

The elevation of the ground ~~water level~~ above sea level is 5130.1 ft.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

Shinarump - 1750'; Cutler - 1875'; Upper Hermosa - 3850'; Paradox - 4710';
Lower Hermosa 5285'; Leadville Ourey - 5580'; Elbert - 5985'; Cambrian - 6750'.
Set and Cement approximately 900' - 10-3/4" - 40.5# - J-55 Casing.
Set and Cement approximately 6750' - 7" - 23# - J & N. Casing if Production
is found. Perforate if necessary & run 2-7/8" - 6.5# - BUE Tubing

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company THE SLOAN OIL COMPANY

Address P.O. Box 120

Casper, Wyoming

By [Signature]

Title Production Superintendent

(SUBMIT IN TRIPLICATE)

Indian Agency Navajo
Tribal CouncilUNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYAllottee Tribal
Lease No. 14-20-603-385

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL.....	SUBSEQUENT REPORT OF WATER SHUT-OFF.....
NOTICE OF INTENTION TO CHANGE PLANS.....	SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING.....
NOTICE OF INTENTION TO TEST WATER SHUT-OFF.....	SUBSEQUENT REPORT OF ALTERING CASING.....
NOTICE OF INTENTION TO REDRILL OR REPAIR WELL.....	SUBSEQUENT REPORT OF REDRILLING OR REPAIR.....
NOTICE OF INTENTION TO SHOOT OR ACIDIZE.....	SUBSEQUENT REPORT OF ABANDONMENT.....
NOTICE OF INTENTION TO PULL OR ALTER CASING.....	SUPPLEMENTARY WELL HISTORY..... X
NOTICE OF INTENTION TO ABANDON WELL.....	

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

May 26, 1954

, 19

Well No. 1 is located 760 ft. from NE line and 760 ft. from SE line of sec. 10
NE1/4 Sec. 10 43S 21E S.L.M.
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)
Wildcat San Juan Utah
(Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is 5130' ft. ungraded ground

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudlogging jobs, cementing points, and all other important proposed work)

Core #1: 1855-1868', rec. 12 1/2' - 55-62 1/2' siltstone, shaley sand; 62 1/2'-63 1/2', sand, white, medium grained; 63 1/2' - 68', siltstone, shaley sand.

DST #1: 1878-1896', open 1', SI 15", good air blow about 30 mins., started to weaken end of test. Recovered 1'20" fresh water. F. 170-690#, St. 860#.

5/25/54 Drlg. at 2846'.

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company The Ohio Oil CompanyAddress P. O. Box 120Casper, WyomingBy M. C. BoyerTitle Division Superintendent of Production

(SUBMIT IN TRIPLICATE)

Indian Agency Navajo

Tribal Council

Allottee TribalLease No. 14-20-603-385UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL.....	SUBSEQUENT REPORT OF WATER SHUT-OFF.....	<input checked="" type="checkbox"/>
NOTICE OF INTENTION TO CHANGE PLANS.....	SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING.....	
NOTICE OF INTENTION TO TEST WATER SHUT-OFF.....	SUBSEQUENT REPORT OF ALTERING CASING.....	
NOTICE OF INTENTION TO REDRILL OR REPAIR WELL.....	SUBSEQUENT REPORT OF REDRILLING OR REPAIR.....	
NOTICE OF INTENTION TO SHOOT OR ACIDIZE.....	SUBSEQUENT REPORT OF ABANDONMENT.....	
NOTICE OF INTENTION TO PULL OR ALTER CASING.....	SUPPLEMENTARY WELL HISTORY.....	<input checked="" type="checkbox"/>
NOTICE OF INTENTION TO ABANDON WELL.....		

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

NavajoJuly 7, 19 54Well No. 1 is located 760 ft. from [N] line and 760 ft. from [W] line of sec. 10Sec. 10
(1/4 Sec. and Sec. No.)435
(Twp.)21E
(Range)S.L.M
(Meridian)Wildcat

(Field)

San Juan

(County or Subdivision)

Utah

(State or Territory)

The elevation of the derrick floor above sea level is 5130 ft. ungraded groundU. S. GEOLOGICAL SURVEY
WASHINGTON, D. C.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

6/7/54 Lost circulation. Mixing mud, through 6/10.

6/13/54 Drld. to 4043' lost circulation. Set 150 sack cement plug. WOC.

6/15/54 Drld 1st plug 3823-4043' cement. Drld 10', tested plug, lost circulation w/600%. Cemented w/150 sacks, 30 sacks squeezed.

6/17/54 Drld plug to 3873' lost returns. Squeezed 500 sacks cement at 3860', no pressure or circulation. WOC

6/18/54 Drld plug, top 3690'. Regained circulation OK.

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company The Ohio Oil CompanyAddress P. O. Box 120Casper, Wyoming

By

COPIES (ORIGINAL SIGNED)
BY OFFICETitle Division Superintendent of Production

(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Indian Agency Navajo
Tribal Council
Allottee Tribal
Lease No. 14-20-603-385

APPROVED JUL 15 1954
ENGINEER

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL	SUBSEQUENT REPORT OF WATER SHUT-OFF
NOTICE OF INTENTION TO CHANGE PLANS	SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING
NOTICE OF INTENTION TO TEST WATER SHUT-OFF	SUBSEQUENT REPORT OF ALTERING CASING
NOTICE OF INTENTION TO REDRILL OR REPAIR WELL	SUBSEQUENT REPORT OF REDRILLING OR REPAIR
NOTICE OF INTENTION TO SHOOT OR ACIDIZE	SUBSEQUENT REPORT OF ABANDONMENT
NOTICE OF INTENTION TO PULL OR ALTER CASING	SUPPLEMENTARY WELL HISTORY
NOTICE OF INTENTION TO ABANDON WELL	<u>Cores & DST</u>

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

July 13, 1954

Navajo
Well No. 1 is located 760 ft. from N line and 760 ft. from W line of sec. 10
NE 1/4 Sec. 10 43S 21E S.L.M.
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)
Wildcat San Juan Utah
(Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is 5130' ft. ungraded ground

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

Core #2: 4870-495', rec. 25' - dense lime & stringers of chert.
Core #3: 4895-4920', rec. 25' lime and shale, little fracturing, very little odor.
Core #4: 4920-4969', recov 49' - 35-40', little bleeding. Limestone, crystalline and brown to gray.
DST #2: 4889-5013', open 1 1/2', H 19', weak blow to fair blow which continued to end of test. Recov 15' of slightly oil cut drlg. mud. HH 2300-2500#, F. 0-17%.

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company The Ohio Oil Company

Address P. O. Box 120

Casper, Wyoming

COPY (ORIGINAL SIGNED)
By M. J. BOYCE

Title Division Superintendent of Production

APPROVED JUL 15 1954
ACTING DISTRICT ENGINEER

(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Indian Agency Navajo
Tribal Council
Allottee Tribal
Lease No. 14-20-603-385

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL.....	SUBSEQUENT REPORT OF WATER SHUT-OFF.....
NOTICE OF INTENTION TO CHANGE PLANS.....	SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING.....
NOTICE OF INTENTION TO TEST WATER SHUT-OFF.....	SUBSEQUENT REPORT OF ALTERING CASING.....
NOTICE OF INTENTION TO REDRILL OR REPAIR WELL.....	SUBSEQUENT REPORT OF REDRILLING OR REPAIR.....
NOTICE OF INTENTION TO SHOOT OR ACIDIZE.....	SUBSEQUENT REPORT OF ABANDONMENT.....
NOTICE OF INTENTION TO PULL OR ALTER CASING.....	SUPPLEMENTARY WELL HISTORY.....
NOTICE OF INTENTION TO ABANDON WELL.....	<u>Coring and DST</u>

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

Navajo

July 13

19 54

Well No. 1 is located 760 ft. from N line and 760 ft. from W line of sec. 10

NE1/4 Sec. 10
(1/4 Sec. and Sec. No.)

43S
(Twp.)

21E
(Range)

S.L.M.
(Meridian)

Wildcat
(Field)

San Juan
(County or Subdivision)

Utah
(State or Territory)

RECEIVED

JUL 15 1954

The elevation of the derrick floor above sea level is 5130 ft. ungraded ground

U. S. GEOLOGICAL SURVEY
FARMINGTON, N. M.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

Core #5: 5052-5078', recov 26', 1st 18", lime conglomerate mixed with chert, big vugs holding oil, but were not connected. Next 8' lime gradually thinning out to shale with balance of core shale. Drlg. break occurred at 5045'.

DST #3: Johnson, 5031-5078', open 1', SI 15", recov 105' gas and oil cut drlg. mud in drill collars, 2 1/4". HH 2475#, F. 0-0%, SI 450%, had fair to weak blow.

DST #4: 5075-5225', open 1', SI 15", weak blow, recov 70' drlg. mud. F. 0%, SI 275#, HH 2750#.

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company The Ohio Oil Company

Address P. O. Box 120

Casper, Wyoming

COPY (ORIGINAL SIGNED)

By M. J. BOYCE

Title Division Superintendent of Production

(SUBMIT IN TRIPLICATE)

Indian Agency Havajo

Tribal Council

Allottee FribalLease No. 14-20-603-385UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYAPPROVED Aug 30 1954
ACTING DISTRICT ENGINEER

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL	SUBSEQUENT REPORT OF WATER SHUT-OFF
NOTICE OF INTENTION TO CHANGE PLANS	SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING
NOTICE OF INTENTION TO TEST WATER SHUT-OFF	SUBSEQUENT REPORT OF ALTERING CASING
NOTICE OF INTENTION TO REDRILL OR REPAIR WELL	SUBSEQUENT REPORT OF REDRILLING OR REPAIR
NOTICE OF INTENTION TO SHOOT OR ACIDIZE	SUBSEQUENT REPORT OF ABANDONMENT
NOTICE OF INTENTION TO PULL OR ALTER CASING	SUPPLEMENTARY WELL HISTORY
NOTICE OF INTENTION TO ABANDON WELL	<u>Coring & Plugging</u>

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

Havajo August 23, 1954

Well No. 1 is located 760 ft. from S line and 760 ft. from W line of sec. 10

NE3/4 Sec. 10 43S 21E S.L.M.
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)

Wildcat San Juan Utah
(Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is 5130 ft.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudlogging jobs, cementing points, and all other important proposed work)

- Core #6: 5636'-5669', Rec. 29', to 6" lime with little odor, balance of core was shale.
- Core #7: 6389'-6403', First 17' quartzite, streaks dark green shale; last 8' dolomite and shale.
- Core #8: 6577'-6601', Rec. 24', conglomerate, lime with streaks red and green shale.
- Core #9: 6613'-6645', Rec. 32', quartzite, streaks sandy shale, last 2' all shale.
- Core #10: 6922'-6931', Rec. 8', white to very light gray quartzitic sandstone, grit to pebble conglomerate, ran check in mud truck 6925'-2926', Perm. 30 millidarcies on horizontal, 2.68 on vertical. Per. 10% oil O, fresh water 53% with solids 500 ppm. Picked top Cambrian 6909'
- Core #11: 6931'-6945', Rec. 14', Sandstone, conglomerate, white to gray brown, quartzitic in parts increasing downward, thin stringers of green shale throughout core.

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company The Ohio Oil CompanyAddress P.O. Box 120Casper, Wyoming

COPY (ORIGINAL SIGNED)

By _____

Title Division Superintendent of Production

(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Indian Agency Navajo
Tribal Council
Allottee Triball
Lease No. 14-20-603-35 385

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL		SUBSEQUENT REPORT OF WATER SHUT-OFF	
NOTICE OF INTENTION TO CHANGE PLANS		SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING	
NOTICE OF INTENTION TO TEST WATER SHUT-OFF		SUBSEQUENT REPORT OF ALTERING CASING	
NOTICE OF INTENTION TO REDRILL OR REPAIR WELL	<input checked="" type="checkbox"/>	SUBSEQUENT REPORT OF REDRILLING OR REPAIR	
NOTICE OF INTENTION TO SHOOT OR ACIDIZE		SUBSEQUENT REPORT OF ABANDONMENT	
NOTICE OF INTENTION TO PULL OR ALTER CASING		SUPPLEMENTARY WELL HISTORY	
NOTICE OF INTENTION TO ABANDON WELL			

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

Navajo

November 4, 1955

Well No. 1 is located 750 ft. from [N] line and 760 ft. from [W] line of sec. 10

NE1/4 Sec. 10

43-S

21-E

(34 Sec. and Sec. No.)

(Twp.)

(Range)

(Meridian)

Chinle Wash

San Juan

Utah

(Field)

(County or Subdivision)

(State or Territory)

ground

The elevation of the ~~surface~~ ground above sea level is 5118 ft.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

This well was drilled to a total depth of 6945' in 1954, as no commercial production was obtained the well was plugged and abandoned. The Ohio Oil Company is now requesting permission to redrill the well to a depth of 5300'. A string of 5-1/2" casing will be run and cemented with 150 sacks of cement. The Paradox, member of the Hernosa Formation, will be perforated and acidized in an attempt to obtain commercial oil production. If commercial production is not obtained the casing will be pulled and the well plugged and abandoned.

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company THE OHIO OIL COMPANY

Address P.O. Box 120

CAMP R, WYOMING

By [Signature]

Title Division Production Superintendent

(SUBMIT IN TRIPLICATE)

Indian Agency

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Allottee

Lease No.

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL.....	SUBSEQUENT REPORT OF WATER SHUT-OFF.....	
NOTICE OF INTENTION TO CHANGE PLANS.....	SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING.....	X
NOTICE OF INTENTION TO TEST WATER SHUT-OFF.....	SUBSEQUENT REPORT OF ALTERING CASING.....	
NOTICE OF INTENTION TO REDRILL OR REPAIR WELL.....	SUBSEQUENT REPORT OF REDRILLING OR REPAIR.....	
NOTICE OF INTENTION TO SHOOT OR ACIDIZE.....	SUBSEQUENT REPORT OF ABANDONMENT.....	
NOTICE OF INTENTION TO PULL OR ALTER CASING.....	SUPPLEMENTARY WELL HISTORY.....	
NOTICE OF INTENTION TO ABANDON WELL.....		

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

December, 1955

Well No. 2 is located 43 ft. from N line and 21 ft. from W line of sec. 10
Sec. 10 43 21
 (1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)
San Juan Utah
 (Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is 5125 ft.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)
 Run perforated 5 1/2" casing opposite the Paradox formation from 5120' to 5145' with 100 15/32" bullets (1/ft). Set Baker F.B. Retainer in 5 1/2" casing at 5068' FB. Initial formation sand test was dry. Acidized the Paradox formation from 5120' to 5145' with 2000 gal. HCl and 2000 gal. Gel-A-500. After acidizing and recovery of displacement water and spent acid, an 8-hour sand test produced 27 barrels formation water with very light mass of dead oil. Set Baker Retainer 7'-2" permanent cast iron bridge plug at 5101.5' FB. Spotted 2 sack cement plug over bridge plug. Top of cement plug at 5067' FB

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company THE GEORGE W. PARKER
 Address P.O. Box 912
Durango, Colorado
 By C. Parker Chipman
 Title C. Parker Chipman
Durango, Colorado

DATE _____

THE OHIO OIL CO

HISTORY OF OIL OR GAS WELL

FIELD WILDCAT

WELL NO. 1 LEASE Navajo ~~ABIXOKX~~ SEC. 10 TWP. 43S R. 21E
 STATE Utah COUNTY San Juan

Top of Kelly Bushing _____ Elev. 5130

HISTORY PREPARED BY Marion W. Scholes

MEASUREMENTS
 TAKEN FROM
 TOP OF OIL STRING _____ Elev. _____
 TOP OF ROTARY TABLE _____ Elev. _____
 GRD. OR MAT _____ Elev. 5118

TITLE Asst Geologist

IT IS OF THE GREATEST IMPORTANCE TO HAVE A COMPLETE HISTORY OF THE WELL. USE THIS FORM IN REPORTING THE HISTORY OF ALL IMPORTANT OPERATIONS AT THE WELL, TOGETHER WITH THE DATES THEREOF, INCLUDING SIZE OF HOLE, SIZE AND NUMBER OF BITS, COMPLETE DESCRIPTION OF CASING, CEMENTING, FISHING OR DRILLING DIFFICULTIES, SURVEYS, ALL TESTS, ALL COMPLETION OPERATIONS AND PROCEDURE, ETC.

DATE	
11/8/55	Loading out camp.
11/9/55 to 11/13/55	Rigging up camp.
11/14/55 and 11/15/55	Rigging up camp and working on water well.
11/16/55	Rigging up camp, cleaning out cellar and R.U.R.T.
11/17/55	RURT
11/18/55	RURT. Laid water line.
11/19/55	RURT.
11/20/55	RURT. until 5:00 P.M.; 5:00 - 11:30 P.M. mixing mud and digging rathole.
11/21/55	12:00 - 2:00 A.M., digging rathole; 2:00-7:00 A.M., repairing torque lines and working on torque converter; 7:00 - 10:00 A.M., finished drilling rathole; 10:00 A.M. to 4:00 P.M., nipping up blowout preventer; 4:00 - 8:00 P.M., mixing mud and drilling mousehole; 8:00 - 12:00 P.M., setting Rotary and chain, and shale shaker.
11/22/55	12:00 - 8:00 A.M., rigged up shale shaker, worked on flow lines, nipped up in cellar and pressured with 600 psi; okay, and lined up rotary table; 8:00 A.M. - 7:00 P.M., mixed mud; 7:00 P.M. - midnight, reaming with bit #1 - 9 7/8" OSC rerun; drilled cement plug from 12' - 17' KB (5'); TD at midnight 763'.
11/23/55	Reaming ahead. Drilled wooden plug and small amount of cement from 874' - 877'; made trip for bit #2 (HTC, OSC 1 G, 8 3/4") at 877'; bit #1 green when pulled; TD at midnight 1765'.
11/24/55	Reaming ahead. Made trip to check condition of bit - okay. Encountered minor bridges but no cement; TD at midnight 2760'.
11/25/55	Reaming ahead. Made trip at 3399' to check condition of bit - okay; more bridges, no cement; TD at midnight 3904'.
11/26/55	Reaming ahead. Conditioned hole and mixed mud 8 hours.

DATE 1/23/56

THE OHIO OIL CO

HISTORY OF OIL OR GAS WELL

FIELD WILDCAT

WELL NO. <u>1</u>	LEASE <u>Navajo</u>	XXXXX	SEC. <u>10</u>	TWP. <u>43S</u>	R. <u>21E</u>
STATE <u>Utah</u> COUNTY <u>San Juan</u>			760' North from South Line 760' East from West Line		
<div style="display: flex; justify-content: space-between;"> <div> MEASUREMENTS TAKEN FROM </div> <div> <div style="display: flex; align-items: center;"> <div style="border-left: 1px solid black; padding-left: 5px; margin-right: 5px;"> TOP OF OIL STRING TOP OF ROTARY TABLE GRD. OR MAT </div> <div> <div style="display: flex; align-items: center;"> <div style="border: 1px solid black; padding: 2px 5px; margin-right: 5px;">KB</div> <div style="border: 1px solid black; padding: 2px 5px; margin-right: 5px;">X</div> <div style="border: 1px solid black; padding: 2px 5px;">X</div> </div> <div> ELEV. <u>5129'</u> ELEV. <u>5128'</u> ELEV. <u>5118'</u> </div> </div> </div> </div> </div>			HISTORY PREPARED BY <u>M. J. England</u> TITLE <u>Asst. Petroleum Engineer</u>		

IT IS OF THE GREATEST IMPORTANCE TO HAVE A COMPLETE HISTORY OF THE WELL. USE THIS FORM IN REPORTING THE HISTORY OF ALL IMPORTANT OPERATIONS AT THE WELL, TOGETHER WITH THE DATES THEREOF, INCLUDING SIZE OF HOLE, SIZE AND NUMBER OF BITS, COMPLETE DESCRIPTION OF CASING, CEMENTING, FISHING OR DRILLING DIFFICULTIES, SURVEYS, ALL TESTS, ALL COMPLETION OPERATIONS AND PROCEDURE, ETC.

DATE
1955

S U P P L E M E N T A L H I S T O R Y

- | | | |
|-------|---------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 11/27 | T.D. 5152' K.B. | Mixing mud, washing to bottom, conditioned hole. Made trip for bit #3. Drilled plug from 5020' to 5145'. Mud record: 9.2#/gal, 7.2 c.c loss, 2/32" cake, ph 13, vis. 50 sec. |
| 11/28 | T.D. 5303' K.B. | Washed to 5303'. Conditioned mud and hole. Strapped out of hole. Drillers K.D. 5303.00'. Strapped K.D. 5303.02', .02 difference- no correction. Went in hole to condition mud for Lane Wells. Pulled drill pipe for Lane Wells. Ran Lane Wells GR-N log to 5313'. |
| 11/29 | P.B.T.D. 5800' K.B. | W.O. Lane Wells to repair caliper. W.O.O. Ran drill pipe in hole and conditioned mud for 2 hours. Came out of hole laying down drill pipe. Rigged up to run 5 1/2" OD, 14# casing. Ran 134 jts. 5 1/2", 14#, J-55, 8-R, Smls, Rg 2, Spang new casing. |
| 11/30 | P.B.T.D. 5186' K.B. | Finished running 34 jts. 5 1/2", 14#, J-55, 8-R, Smls Spang new casing. Total casing run 168 joints, 5259.79' net. Baker Cement Float Shoe 1.50', Baker Cement Float Collar 1.51'. Total net casing 5262.80'. Landed shoe at 5273.50' K.B. and Collar at 5238.77' K.B. Circulated for 45 min. and pumped 10 bbls. water ahead of cement. Cemented with 300 sacks Ideal Regular (bulk) cement by HOWCO. Displaced with 127 bbls. water. Bumped plug with 1000 psi, left 600 psi on casing. Plug down at 5:20 a.m. Plug at 5237' K.B. Estimate top of cement in annulus at 4400' K.B. Ran 4 Baker Model "H" Hinge-Lok casing centralizers at 5256.14' K.B., 5081.05' K.B., 4984.60' K.B. and 4887.74' K.B. W.O.C. B.&R. Service Co. ran temperature survey. Checked P.B.T.D. at 5194' K.B. and top of cement in annulus at 4100' K.B. |
| 12/1 | P.B.T.D. 5186' K.B. | W.O.C. Tested casing with 600 psi, casing held. |
| 12/2 | P.B.T.D. 5186' K.B. | W.O.C. Ran Lane Wells GR-collar log. P.B.T.D. at 5186' K.B. by Lane Wells. Checked collars 0' - 2' high. Gun perforated 5 1/2", 14# casing opposite the Paradox formation from 5120' - 5145' K.B. with 100 15/32" bullets (4/ft.) by Lane Wells. Well perforated on Lane Wells GR-collar log run 12/2/55. Ran Baker FB Retainer on 2-3/8", 4.7#, J-55, 8r new tubing and set in 5 1/2", 14# casing at 5098' K.B. Laid down blocks and rigged up drum for sand line. |

1955

- 12/3 P.B.T.D. 5186' K.B. Finished rigging up drum for sand line and spooled on sand line. Rigged up to swab. Swabbed 17 bbls. water off tubing. Let formation set 2 hrs, made 2 dry runs. No fluid coming in, formation swabbed dry.
- 12/4 P.B.T.D. 5186' K.B. Made 2 dry runs, formation swabbed dry. W.O. Dowell to acidize. In attempt to strip packer rubber on tubing, brake slipped dropping tubing to floor and allowing circulating sub above retainer to open and partly equalize loaded annulus with dry tubing. Reset tool and swabbed tubing dry. Can't keep annular fluid level up. Released retainer and started pulling retainer and tubing.
- 12/5 P.B.T.D. 5186' K.B. Finished pulling retainer and tubing. Dressed retainer and started running tubing and retainer. Drilling line piled up on one side of the drum and jumped between the brake drum and band twisting and bending the brake shaft and spline. Tore down brake and took shaft to town for repairs. W.O. repairs to brake shaft.
- 12/6 P.B.T.D. 5186' K.B. W.O. repairs to brake shaft. Installed brake shaft. Finished running Baker FB Retainer on 2-3/8", 4.7# new tubing and set retainer in 5 1/2", 14# casing at 5068' K.B. Loaded annulus with water and swabbed tubing dry. Tested all Dowell lines and fittings with 6000 psi. Acidized the Paradox-Hermosa Transition zone through perforations in 5 1/2" casing from 5120-5145' K.B. with 500 gal XF-32, 2000 gal Jel X-500 and 1500 gal XF-32 by Dowell. Flushed with 21 bbls. water. First 2 bbls. acid went into formation at 3100 psi and rate of 1/2 bbl/min. Formation broke down at 3100 psi, breaking back to 2000 psi with one pump truck. Started pumping with 2 trucks at 3800 psi and rate of 2-4 bbls./min. - breaking back to 3400 psi in 14 min. Maximum pump pressure 3800 psi. Average treatment rate 2 bbls./min. Shut-in pressure at end of treatment 1200 psi bleeding off to 1100 psi in 5 min. Bled about 57 bbls. flush and spent acid off tubing. Swabbed 12 bbls. spent acid with light scum of brown oil. Swabbing from 3300' K.B. W.O. Daylight to swab in test tank.
- 12/7 P.B.T.D. 5186' K.B. Swabbed 49 bbls. spent acid with very light scum of dead brown oil in 8 hrs. Hole swabbed dry at noon - 800' of fluid fillup in one hour. Swabbing from bottom at rate of 5-6 bbls/hour. W.O. Daylight to swab test.
- 12/8 P.B.T.D. 5186' K.B. Fluid level at 3200' K.B. 1800' of fluid fillup overnight. Tubing dead-no gas. Swabbed 27 bbls. water with very light scum of dead brown oil in 5 1/2 hours. Believe this is formation water, tastes quite salty. Tubing making no gas. Hole swabbed down at 8:00 a.m., swabbing from bottom at rate at 2-3 bbls/hour. Sand line stranded in kink 300' off bottom with oil saver wedged to line. Cut line and clamped together. Started to pull swab out of hole, line slipped through clamps and went to bottom of tubing, W.O. Baker Oil Tools 2 hours.

1955

12/9

P.B.T.D. 5186' K.B. W.O. Baker Oil Tools 2 hours. Picked up blocks, released retainer and pulled 2 stands to sand line. Laid down blocks, spliced sand line, pulled swab, picked up blocks and finished pulling tubing and finished pulling tubing and retainer. Lane Wells ran junk basket to 5123' K.B. Lane Wells made 2 attempts to set bridge plug. W.O. Lane Wells 7 hours to repair equipment. Lane Wells set Baker Model "N2-B" permanent cast iron bridge plug in 5½" casing at 5103.5' K.B. Lane Wells spotted 2 sack cement plug on bridge plug. Estimate top of cement plug at 5087' K.B. Plug spotted at 12:00 midnight.

12/10

P.B.T.D. 5087' K.B. W.O.C. 12 hours. Tested casing with 500 psi for one hour, casing and plug held. W.O. Lane Wells 4 hours to repair equipment. Gun perforated 5½", 14# casing opposite Hermosa-Paradox Transition zone from 5035' - 5070' K.B. with 140 15/32" bullets (4/ft) by Lane Wells. Checked collars 1' - 2' high. Made correction to Lane Wells GR-collar log run 12/2/55 and shot by same. Lane Wells checked P.B.T.D. at 5088' K.B. Started running Baker FB Retainer on 2-3/8", 4.7# new tubing.

12/11

P.B.T.D. 5087' K.B. Finished running retainer and tubing. Set retainer in 5½" casing at 5009' K.B. Laid down blocks. Spliced sand line. Swabbed 18.1 bbls. water off tubing. Tubing swabbed dry. Two hour swab test produced ½ bbl. water with light scum of brown oil. Tested all Dowell lines and fittings with 4000 psi. Loaded annulus with water. Acidized the Hermosa-Paradox Transition zone through perforations in 5½" casing from 5035' - 5070' K.B. with 500 gal. XF-32, 2000 gal Jel X-500 and 1500 gal XF-32. Flushed with 21.5 bbls. water. No evidence of formation breakdown. Maximum pump pressure 4200 psi. Pressure went from 3000 psi to 4000 psi when Jel X-500 hit the formation, pumping with one truck. Pressure broke back to 3800 psi in 44 min. and 3200 psi in 48 min. Average treatment rate 1.5 bbls./min. Shut-in pressure 1100 psi. Flowed back flush and spent acid for 25 min. and spent acid with light scum of brown oil for 20 min. Then flowed heavy B-S emulsion for 12 min. and cleaned up flowing spent acid and oil (10-15% oil) for 18 min. Well dead after flowing 1½ hours. Tubing blowing gas sporadically. Flowed 2.6 bbls. fluid from 4:30 to 6:00 p.m. and dead rest of night. Well flowed in reserve pit. W.O. Daylight to swab in test tank.

12/12

P.B.T.D. 5087' K.B. Fluid level at daylight at 400' K.B. Swabbed 75 bbls. total fluid 52.5 bbls. 33.2° gravity oil and 22.5 bbls. formation water in 6½ hours. Average water cut 30%. Well flows by heads for 3-5 min. after pulling swab. Swabbing from bottom at rate 11.5 bbls./hr. Swabbing fluid level holding up with 1000' of fluid about 800' of additional fluid fillup in 40 min. W.O. Daylight to swab test.

1955

- 12/13 P.B.T.D. 5087' K.B. Fluid level at 7:00 a.m. at 3200' K.B., 1800' of fluid. Swabbed 83 bbls. total fluid - 78 bbls. 33.2° gravity oil and 5 bbls. formation water in 7½ hours. Average water cut 6%. Swabbing from bottom at rate of 11.25 - 12.5 bbls./hr. Well quite lively, unloads oil ahead of swab. Swabbing with 800' of fluid, about 1000' of additional fillup in 24 min. W.O. Daylight to swab test.
- 12/14 P.B.T.D. 5087' K.B. Fluid level at 8:30 a.m. at 3200' K.B., 1800' of fluid. Swabbed 72.5 bbls. total fluid - 59.1 bbls. 33.2° gravity oil and 13.4 bbls. formation water in 6½ hours. Average water cut 18.5%. After well swabbed down this morning, water cut averaged 12.3% for rest of day. Couldn't swab well dry. Swabbing from bottom at rate of 8-3/4 bbls./hr. Total swabbed from this zone (5035'-5070') 190 bbls. 33.2° gravity oil and 41 bbls. formation water. W.O.O. 5 hours. Picked up blocks to pull tubing.
- 12/15 P.B.T.D. 5087' K.B. Rigged up to pull tubing. Released retainer and pulled tubing and retainer. W.O. Lane Wells to repair equipment 5½ hours.
- 12/16 P.B.T.D. 5087' K.B. W.O. Lane Wells to repair equipment. Gun perforated 5½" casing opposite Hermosa-Paradox Transition zone from 4980'-5005' K.B. with 100 15/32" bullets (4/ft) by Lane Wells. Checked collars 1' high. Made correction to Lane Wells GR-collar log run 12/2/55 and shot by same. Lane Wells checked P.B.T.D. at 5089.5' K.B. Lane Wells ran junk basket with 4-7/8" OD gauge ring to 5010' K.B. Fluid level while perforating at 2250' K.B. Ran Baker Model "C" Retrievable Bridge Plug and Baker FB Retainer on 2-3/8" EUE tubing. Set Baker Retrievable Bridge Plug in 5½" casing at 5025' K.B. Circulated the hole full of water. Set Baker FB Retainer in 5½" casing at 4916' K.B. Pressured tubing with 500 psi for 30 min. tubing, bridge plug and retainer held. Laid down blocks and rigged up to swab. Swabbed 17.6 bbls. water off tubing. Tubing swabbed dry. W.O. Daylight to acidize.
- 12/17 P.B.T.D. 5087' K.B. Fluid level at daylight at 4000' K.B. about 1000' of fluid. Swabbed 3 bbls. water with light scum of brown oil in 1 hour. Don't think this is formation water - tastes fresh. Tubing swabbed dry. Tested all Dowell lines and fittings with 5000 psi. Acidized the Hermosa-Paradox Transition zone through perforations in 5½" casing from 4980'-5005' K.B. with 500 gal XF-32, 2000 gal Jel X-500 and 1500 gal XF-32. Flushed with 21 bbls. water. No formation breakdown. Maximum pump pressure 5200 psi at rate of 2 bbls./min. with 2 pump trucks. Pressure went from 3500 psi to 4800 psi when the Jel X-500 hit the formation, pumping with 2 trucks. Pressure broke back to 3800 psi in 7 min. 330 psi in 24 min. and 2500 psi in 34 min. Average treatment rate 2.3 bbls./min. Shut-in pressure 1100 psi. Flowed back 47.5 bbls. flush and spent acid in one hour. Swabbed 71.5 bbls. spent acid with a light show of brown oil (increasing in quantity late in the afternoon) and 2.5 bbls. formation fluid, 35% oil. W.O. Daylight to swab test.

1955

- 12/18 P.B.T.D. 5087' K.B. Fluid level at daylight at 3300' K.B. 1700' of fluid. Swabbed 93.5 bbls. total fluid - 37.7 bbls. 33.1° gravity oil and 55.8 bbls. formation water in 7½ hours. Average water cut 59.8%. Water cut averaged 72.7% this morning and 46.9% this afternoon. Swabbing from bottom at rate of 9 bbls./hr. Couldn't swab well dry. W.O. Daylight to swab test. Drained 78.75 bbls. water off tank for a check water cut of 84.2%.
- 12/19 P.B.T.D. 5087' K.B. Fluid level at daylight at 4200' K.B. 800' of fluid. Swabbed 45 bbls. total fluid - 18.0 bbls. 33.1° gravity oil and 27 bbls. formation water in 7½ hours. Average water cut 60.0% after well swabbed down this morning, water cut varied from 41-85%. Swabbing from bottom at rate of 2.5 - 3 bbls./hr. Drained 24.5 bbls. water off tank for a check water cut of 56%. W.O. Daylight to swab test.
- 12/20 P.B.T.D. 5087' K.B. Fluid level at daylight at 4200' K.B., 800' of fluid. Swabbed 45.3 bbls. total fluid - 17.4 bbls. 33.1° gravity oil and 27.9 bbls. formation water in 8 hours. Average water cut 61.6%. After well swabbed down this morning, water cut varied from 52- 78%. Swabbing from bottom at rate 2 bbls./hr. Good blow of gas from tubing after each swab run. Drained 25.5 bbls. water off tank for a check water cut of 56.0%. W.O. Daylight to re-acidize.
- 12/21 P.B.T.D. 5087' K.B. Tested all Dowell lines and fittings with 6000 psi. Re-acidized the Hermosa-Paradox Transition zone through perforations in 5½" casing from 4980'-5005' K.B. with 1000 gal XF-32, 1500 gal Jel X-500 and 3500 gal XF-32 by Dowell. Flushed with 21 bbls. water. No formation breakdown. Maximum pump pressure 3400 psi at rate of 7 bbls./min. with 2 pump trucks. Pumped 6 bbls. XF-32 into formation at 1000 psi and rate of 6 bbls./min. Shutdown to repair leaking connection. Tubing went on vacuum. Started pumping with 2 trucks, pressure went from 2000 psi to 3200 psi when Jel X-500 hit the formation. Maximum pump pressure 3400 psi. Average treatment rate 5.7 bbls./min. Shut-in pressure 700 psi, well went on vacuum in 20 min. Swabbed 25.7 bbls. flush and spent acid. Well flowed 5.1 bbls. spent acid in 1½ hrs. from 3:00 - 4:30 p.m. Swabbed 53.7 bbls. spent acid with very light show of oil in 6½ hrs. Swabbing from bottom at rate of 8.5 - 9 bbls./hr. Tubing blows a little after each swab run.
- 12/22 P.B.T.D. 5087' K.B. Swabbed 6.1 bbls. spent acid with very light show of oil on morning tour. Fluid started unloading ahead of swab. W.O. Daylight. Fluid level at 4200' K.B. this morning, 800' of fluid. Swabbed 56.6 bbls. spent acid, samples from last 4 runs cut 40-50% oil. Swabbing from bottom at rate of 3.5 - 4 bbls./hr. Well quite lively at times.

1955

- 12/23 P.B.T.D. 5087' K.B. Fluid level this morning at 4200' K.B., 800' of fluid. Swabbed 29.7 bbls. oil yesterday even though haven't recovered all of the acid. Swabbed 34.7 bbls. total fluid in $6\frac{1}{2}$ hrs. - 19 bbls. spent acid (about 20% oil) and 15.7 bbls. formation fluid, 64% water. Swabbing from bottom at rate of 3.5 bbls./hr. Well not too lively, no increase in fluid level when shut-in for $1\frac{1}{2}$ hours, about 800' of fluid. Shutdown at midnight for Christmas. Drained 22 bbls. water off tank for a check water cut of 65%.
- 12/24 P.B.T.D. 5087' K.B. Shutdown for Christmas. Started up at midnight 12/26/55 ready to swab.
- 12/26
- 12/27 P.B.T.D. 5087' K.B. Fluid level this morning at 4200', 800' of fluid. Swabbed 14 bbls. total fluid in 2 hours. - 70% water. Swabbing from bottom at rate of 4 bbls./hr. when shutdown to pull tubing. Swabbing fluid level holding up with 500' - 600' of fluid in hole. Drained 7.7 bbls. water off tank for a check water cut of 55%. Rigged up to pull tubing. Released retainer, picked up retrievable bridge plug and came out of hole. Gun perforated $5\frac{1}{2}$ " casing opposite Hermosa-Paradox Transition zone from 4910' - 4949' K.B. with 120 15/32" bullets (4/ft) by Lane Wells. Checked collars 1' low. Made correction to Lane Wells GR-collar log run 12/2/55 and shot by same. Lane Wells checked P.B.T.D. at 5087.5' K.B. Lane Wells ran junk basket with 4-7/8" OD gauge ring to tight spot at 4921' K.B. Total swabbed from this zone (4980'-5005') 285 bbls. flush and spent acid, 84 bbls oil and 132 bbls. formation water.
- 12/28 P.B.T.D. 5087' K.B. Worked basket 2 hours trying to get below 4921' and worked $\frac{1}{2}$ hour freeing stuck basket at same point. W.O. Baker Casing Scraper 8 hours. Ran Baker Casing Scraper in $5\frac{1}{2}$ " casing on 2-3/8" tubing to 4970' K.B. Pulled casing scraper and ran Baker FB Retainer and Model "C" Retrievable Bridge Plug on 2-3/8" tubing. Set Baker Retrievable Bridge Plug in $5\frac{1}{2}$ " casing at 4965' K.B. and Baker FB Retainer at 4856' K.B. Loaded annulus with 72.5 bbls. water. Filled tubing with 15 bbls. water and pressure tubing with 500 psi for one hour, tubing retainer and bridge plug held. Rigged up to swab.
- 12/29 P.B.T.D. 5087' K.B. Swabbed 18 bbls. water off tubing. Tubing swabbed dry. Waited 2 hours and made 2 dry runs. No formation fluid coming in. Tested all Dowell lines and fittings with 6000 psi. Acidized the Hermosa - Paradox Transition zone through perforations in $5\frac{1}{2}$ " casing from 4910' - 4940' K.B. with 500 gal. XF-32, 2000 gal Jel X-500 and 1500 gal XF-32 by Dowell. Flushed with 20 bbls. water. No formation breakdown. Maximum pump pressure 4900 psi at rate of 2 bbls./min. with 2 pump trucks. Pressure went from 4000 psi to 4600 psi when Jel X-500 hit the formation. Pressure broke back to 4100 psi in 47 min. and 3000 psi in 49 min. Average treatment rate 3.3 bbls/min. Shut-in pressure 850 psi bleeding off to 550 psi in one minute. Flowed back 5 bbls. flush in 15 min. Swabbed 56 bbls. flush and spent acid and 13 bbls. oil in 7 hours. Well getting quite lively with a show of gas and oil increasing in quantity up to 36% oil. Average water cut today 82%. W.O. Daylight to swab test.

1/23/56

Page 7

1955

12/13 Hillman, H. J. & Co. Inc. 5087' K.B. Fluid level this morning at 3900' K.B., 1000' of fluid. Swabbed 101.6 bbls. total fluid - 76.2 bbls. spent acid and 25.4 bbls. oil in 8½ hours. Average water cut 75%. Swabbing from bottom at rate of 8 bbls./hr. Swabbing fluid level holding up with 1000' of fluid, water cut varied from 59-80% this afternoon. Tubing makes a little gas after each run. Drained 61 bbls. water off tank for a check water cut of 60%. W.O. Daylight to swab test.

12/23 Hillman, H. J. & Co. Inc. 5087' K.B. Fluid level this morning at 3800' K.B., 1200' of fluid. Swabbed 72.5 bbls. total fluid - 27.5 bbls. oil and 45 bbls. formation water in 8½ hours. Average water cut 62%. Swabbing from bottom at rate of 8 bbls./hr. Swabbing fluid level holding up with about 1000' of fluid. Water cut varied from 46% - 82% this afternoon. Drained 41 bbls. water off tank for check water cut of 56.5%. Shutdown at midnight for New Year's Day.

1/1/56 Hillman, H. J. & Co. Inc. 5087' K.B. Shutdown.

1/2/56 Hillman, H. J. & Co. Inc. 5087' K.B. Fluid level this morning at 4000' K.B., 1000' of fluid. Swabbed 68.5 bbls. total fluid - 26.7 bbls. 33.2° gravity oil and 41.8 bbls. formation water in 8½ hours. Average water cut 61%. Swabbing from bottom at rate of 7.5 bbls./hour. Swabbing fluid level at 4200' K.B.. Water cut varied from 50-86% this afternoon. Drained 34.4 bbls. water off tank for a check water cut of 50.2%. W.O. Daylight to swab test.

1/3/56 Hillman, H. J. & Co. Inc. 5087' K.B. Fluid level this morning at 4000' K.B., 1000' of fluid. Swabbed 40.4 bbls. total fluid - 15.4 bbls. 33.2° gravity oil and 25.0 bbls. formation water in 6 hours. Average water cut 62%. Swabbing from bottom at rate of 6.5-7 bbls./hr. Water cut varied from 54-83% this afternoon. Total swabbed from this zone (4910-5005' K.B.): 139 bbls. flush and spent acid, 108 bbls. 33.2° gravity oil and 112 bbls. formation water. Rigged up to pull tubing. Released retainer and bridge plug and came out of hole.

1/4/56 Hillman, H. J. & Co. Inc. 5087' K.B. Ran 2-3/8" tubing to swab test all 3 zones open with seating nipple at 4940' K.B. Rigged up to swab. Swabbed 76.7 bbls. load water, 0-5% oil in 12 hours. Spliced sand line. Swabbing from bottom at rate of 6.5 bbls./hr. Well showing very little life. Casing shut-in casing pressure builds up at rate of 4.5 psi/hr. C.P. at 11:00 p.m. 37 psi.

1/5/56 Hillman, H. J. & Co. Inc. 5087' K.B. Swabbed 16.8 bbls. load water, 5-10% oil in 5 hours. Well beginning to show some life. Spliced sand line. Swab fell to bottom (no brake) ruining sand line. Pulled sand line off drum. Have recovered 93.5 bbls. of estimated 266 bbls. load water in hole.

1/6/56 Hillman, H. J. & Co. Inc. 5087' K.B. Rigged up to pull and lay down 2-3/8" tubing. Laid down 162 joints 2-3/8" EUE tubing. W.O. 2-7/8" EUE tubing. Jetted the pits and cleaned up around rig.

1956

1/7

P.B.T.D. 5087' K.B. B & R Service Company ran BHP survey to datum at 5035' K.B. w.O.
2-7/8" tubing. Unloaded 169 joints 2-7/8" EUE new tubing, 147
sucker rods and 60 scraper rods. Started running 2-7/8" EUE tubing.

1/8

P.B.T.D. 5087' K.B. Finished running tubing. Checked PBTD with tubing at 5086.38' K.B.
Ran 3/4" rods. Subsurface equipment landed as follows:

27.76' - 1 joint 2-7/8" EUE 6.5# J-55 8-R tubing anchor, bull
plugged with 5.66' of 3/8" x 3" slots at bottom.
90.67' - 3 joints 2-7/8" EUE 6.5# J-55 8-R Rg 2 new tubing.
1.13' - Seating nipple
4928.22' - 160 joints 2-7/8" EUE 6.5# J-55 8-R Rg 2 new tubing.
Average joint length 30.80'
23.36' - 4' - 9' - 10' 2-7/8" EUE tubing pups.
5071.14' - Net tubing landed 10.30' below K.B. and 4.94' off
bottom at 5081.44' K.B. with seating nipple at
4961.88' K.B.

137 - 3/4" x 25' National new sucker rods
60 - 3/4" x 25' Oilwell new scraper rods
1 - 3/4" x 2' pony rod on pump.
1 - 1-1/4" x 22' new polish rod
1 - 2-1/2" x 2" x 12' Special Volume Producer Pump

Rig released at 12:00 midnight 1-8-56.

DATE 9/20/56

THE OHIO OIL CO

HISTORY OF OIL OR GAS WELL

FIELD WILDCAT

WELL NO. 1 LEASE Navajo BLOCK SEC. 10 TWP. 43S R. 21E
 STATE Utah PARISH COUNTY San Juan

Top of Kelly Bushing ELEV. 5130'

MEASUREMENTS

TOP OF OIL STRING ELEV. _____

HISTORY PREPARED BY E. L. Spieles

TOP OF ROTARY TABLE ELEV. _____

TAKEN FROM

GRD. OR MAT ELEV. 5118'TITLE Asst. Div. Engr.

IT IS OF THE GREATEST IMPORTANCE TO HAVE A COMPLETE HISTORY OF THE WELL. USE THIS FORM IN REPORTING THE HISTORY OF ALL IMPORTANT OPERATIONS AT THE WELL, TOGETHER WITH THE DATES THEREOF, INCLUDING SIZE OF HOLE, SIZE AND NUMBER OF BITS, COMPLETE DESCRIPTION OF CASING, CEMENTING, FISHING OR DRILLING DIFFICULTIES, SURVEYS, ALL TESTS, ALL COMPLETION OPERATIONS AND PROCEDURE, ETC.

DATE

S U P P L E M E N T A L H I S T O R Y

1/9/56	To put on pump.
1/10/56	Putting on pump.
1/11/56	PB 5103'. Pulled retainer and 2" tubing. Ran 2-7/8" tubing and rods. Preparing to set pump unit.
1/12-13/56	Putting on pump.
1/14/56	Started pumping 5 p.m. 1/13/56. First 13 hrs. made 111 bbls. fluid cut 70% water.
1/15/56	Pumped 51 bbls. fluid in 19 hrs., 75% water, starting to show some salt water.
1/16-19/56	Not pumping right, to pull pump.
1/19-24/56	Static.
1/25/56	Pulled rods and pump, flushed tubing with 36 bbls. crude, in on vacuum, 31 mins. Back on pump, made 38 bbls. 17 hrs. mostly oil, starting to show little water.
1/26/56	Pumping.
1/27-28/56	Pumping.
1/29/56	Pumped 115 bbls. fluid 75 hrs., cut 50% - 57 bbls. oil, 58 bbls. water.
1/30/56	1/25 pumped 22 bbls. fluid 24 hrs., cut 50% water. 1/27 pumped 12 bbls. fluid, 60% water. 1/28 pumped 13 bbls. fluid, 40% water. 1/29-1/30 pumped 10 bbls. fluid 6-1/2 hrs., cut 10% water.

DATE

2/9/56 6945' PB 5103'. Pump tested about a week, made 108 bbls. fluid - 57 water, 51 oil. Shut-in 3 days, back on test, the following are hourly gauges starting at 11:30 a.m. 2/7/56. 11:30 to 12:30 - 4-1/2 bbls. To 1:30 - 2-1/2 bbls., to 2:30 2-1/2 bbls. to 3:30 2-1/2 bbls. To 4:30 1-3/4 bbls. To 5:30 1-3/4 bbls., To 6:30 1-3/4 bbls. To 7:30 - 1-1/2 bbls. To 8:30 - 2 bbls. To 9:30 1 bbl. to 10:30 1 bbl. To 11:30 1 bbl. To 12:30 1 bbl. 12:30 to 7 a.m. made 5 bbls. fluid. 7 to 8 a.m. - 1-1/4 bbl. To 9 1 bbl. to 10 - 1/2 bbl. to 11 - 1/2 bbl. To 12 - 1/2 bbl. Made total 31 bbls. fluid, 24 hrs. cut 60% water.

2/10-21/56 Testing and static.

2/22 - 3/7/56 Preparing to reacidize.

3/8/56 Set retainer at 5023', to acidize today.

3/9/56 6945' PB 5103'. Set retainer at 5023'. Acidized w/20,000 gals.

3/10/56 Acid. Ran 10,000 gals. Jell X down tubing, closed annulus, started pumping in another 10,000 gals. frac acid, pressure at 1200#, pressure went to 1800#, pressure on annulus 500#. Displaced with water, pressure gradually dropped to 1100#. Immediate SI pressure 900# dropped to 800# in 5 mins. Disconnected, flowed back 5 bbls. acid water.

3/11/56 Swabbed 45 bbls. acid fluid, making some gas, shutdown over night. 3/9 swabbed 109 bbls. frac acid and water. When swabbed 50 bbls. annulus, started making some gas. Fluid at 2500', 2500' fluid in hole. Total swabbed 154 bbls.

3/12/56 Annulus pressure 150#, 1000' fluid in hole. Swabbed 110 bbls. fluid, started at 10-12 bbls. per hr. end of day 8 bbls. per hour. Total 264 bbls. swabbed 1000' fluid in hole. 3/11. Fluid at 1000', C.P. 90#. Started swabbing rate 10 bbls. per hr., end of day 4 bbls. per hr. Last 50 bbls. showing little salt water, 80% water, 20% oil.

3/13/56 C. P. 180#, fluid at 4400' K.B., 600' in hole. Swabbed 42 bbls. fluid 70% water 11 hrs. C.P. 200# end of tour.

3/14/56 Ran rods, started pumping 4:15 p.m., pumped up in 2 hrs. 5 mins. C.P. increased to 225#.

3/15/56 Pumped 92 bbls. fluid 24 hrs., 60% water.

3/16/56 Pumped 78 bbls. fluid 20 hrs., cut 60% water. Total load fluid 515 bbls., total fluid out 545 bbls.

DATE

3/17/56 Pumped 83 bbls. fluid, cut 50% water 24 hrs. - 3/15. On 3/16 were unable to get pumping.

3/18/56 Bumped valves, pumped 41 bbls. fluid 90% water 24 hrs.

3/19/56 Pumped 14 bbls. fluid, 13 hrs. 100% water.

3/20-30/56 To plug and abandon.

3/31/56 6945' Plugged and abandoned March 31, 1956.

Procedure: Squeezed perfs. Pumped in 120 bbls. water followed by 100 sacks of 17# slurry. Went in on vacuum, let set 3 hrs. Pumped in another 100 sacks, got 1200# with 12 bbls. to 1400#, let set 45 min. and pumped 1/2 bbls. to 3500#, leaked to 3000# in 30 min. Pumped up to 3500#, held this pressure for 30 min. Calculated top 4850', top checked with cable tools 4825', top perforation 4910'. Stacking tubing and rods at Red Mesa.

ELS:w1

The Ohio Oil Co.

P. O. Box 120
Casper, Wyoming

June 6, 1956

Oil & Gas Conservation Commission
State of Utah
Salt Lake City 14, Utah

Gentlemen:

We are herewith enclosing two copies of each of the following on the well Navajo No. 1, a wildcat in San Juan County, Utah:

Lane Wells Radioactivity Log
Microlog
Electrical Log

Very truly yours,

L. C. Powell
L. C. Powell
Division Engineer

LCP:jb

Enc.



THE STATE OF UTAH
OIL & GAS CONSERVATION COMMISSION
Salt Lake City 14, Utah

August 27, 1956

The Ohio Oil Company
P. O. Box 120
Casper, Wyoming

Gentlemen:

It has come to the attention of this office that Well No. Navajo 1, which was drilled by you on Section 10, Twp. 43 S., Range 21 E., San Juan County, has been completed, plugged and abandoned, or shut down as of 3/31/56, 1956.

Rule C-5 (a), General Rules and Regulations and Rules of Practice and Procedure, Utah Oil and Gas Conservation Commission, provides that within 90 days after the suspension of operations, abandonment of, or the completion of any well drilled for the production of oil or gas and within 90 days after the completion of any further operations on it, if such operations involved drilling deeper or drilling or re-drilling any formation, the well log shall be filed with the Commission, as well as a copy of the electric and radioactivity logs, if run.

If our information is correct, will you please forward the well log or logs to this office as required by the above mentioned rule. If our information is not correct, will you so notify us.

Yours very truly,

OIL & GAS CONSERVATION COMMISSION

CLEON B. PEIGHT

CBF:ro

The Ohio Oil Co.

P. O. Box 120
Casper, Wyoming

September 24, 1956

Utah Oil and Gas Conservation Commission
State Capitol Building
Salt Lake City 14, Utah

Attention: Mr. Cleon B. Feight

Gentlemen:

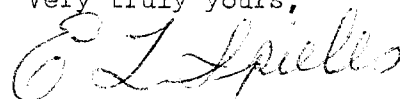
Referring to your letter of August 27, 1956, regarding our Navajo well #1 in T 43 S, R 21 E, San Juan County, Utah, please be advised that this well was plugged and abandoned on March 31, 1956.

We are enclosing a Supplemental History on this well which sets forth daily operations performed in an attempt to complete this well as a commercial producer. I believe that this daily log will suffice you so far as work performed on this well.

Under the date of July 6, 1956, we forwarded to you, copies of the Lane Wells Radioactivity log and the Schlumberger Microlog and Electrical log.

I am sorry that we neglected to send to you a copy of the well log at the time we furnished you copies of the other logs and hope that this oversight did not inconvenience you too much.

Very truly yours,



E. L. Spieles
Asst. Div. Engr.



ELS:w1
Enclosure



September 28, 1956

Re: Navajo Well No. 1,
in Township 43 South,
Range 21 East, San
Juan County, Utah

The Ohio Oil Company
P. O. Box 120
Casper, Wyoming

Attention: E. L. Spiesles

Gentlemen:

This is to acknowledge receipt of your letter of September 24, 1956, and the enclosed well log for the above mentioned well.

Thankyou for your cooperation in this matter.

I remain,

Sincerely yours,

OIL & GAS CONSERVATION COMMISSION

CLEON B. FEIGHT
SECRETARY

CBF:en

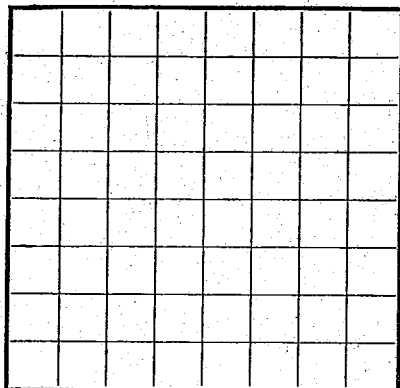
*7/6/56
10/2/56
Cass*

U. S. LAND OFFICE

SERIAL NUMBER

LEASE OR PERMIT TO PROSPECT

14-20-603-385



LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company Marathon Oil Company Address Box 120, Casper, Wyoming
Lessor or Tract Navajo Field Chinle Wash State Utah
Well No. 1-10 Sec. 10 T. 43S R. 21E Meridian _____ County San Juan
Location _____ ft. $\left\{ \begin{array}{l} N. \\ S. \end{array} \right\}$ of _____ Line and _____ ft. $\left\{ \begin{array}{l} E. \\ W. \end{array} \right\}$ of _____ Line of _____ Elevation _____
(Derrick floor relative to sea level)

The information given herewith is a complete and correct record of the well and all work done thereon so far as can be determined from all available records.

Signed E. P. Lindahl
Date March 26, 1964 Title Staff Assistant

The summary on this page is for the condition of the well at above date.

Commenced drilling May 6, 1954 Finished drilling August 21, 1954

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from _____ to _____ No. 4, from _____ to _____
No. 2, from _____ to _____ No. 5, from _____ to _____
No. 3, from _____ to _____ No. 6, from _____ to _____

IMPORTANT WATER SANDS

No. 1, from _____ to _____ No. 3, from _____ to _____
No. 2, from _____ to _____ No. 4, from _____ to _____

CASING RECORD

Size casing	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	Perforated		Purpose
							From	To	
10-3/4" 40.5	8	8	Natl	890	guide	--	--	--	Surface
5 1/2" 14	8	8		5260	float				Prod.

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
10-3/4"	890	390	pump		
5 1/2"	5273.50	300	"		

PLUGS AND ADAPTERS

Heaving plug—Material _____ Length _____ Depth set _____

Adapters—Material _____ Size _____

SHOOTING RECORD

Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out

FOLD MARK

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
10-3/4	890	390	pump		
5 1/2	5273.50	300	"		

PLUGS AND ADAPTERS

Heaving plug—Material _____ Length _____ Depth set _____
Adapters—Material _____ Size _____

SHOOTING RECORD

Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out

TOOLS USED

Rotary tools were used from _____ 0 _____ feet to _____ 6945 _____ feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

_____, 19____ Put to producing _____, 19____

The production for the first 24 hours was _____ barrels of fluid of which _____% was oil; _____% emulsion; _____% water; and _____% sediment. Gravity, °Bé. _____

If gas well, cu. ft. per 24 hours _____ Gallons gasoline per 1,000 cu. ft. of gas _____

Rock pressure, lbs. per sq. in. _____

EMPLOYEES

_____, Driller _____, Driller
_____, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
Surface	780	780	Kayenta
780	1823	1043	Chinle
1823	1893	70	Moenkopi
1893	3175	1282	Cutler
3175	4108	933	Rico
4108	4848	740	Hermosa
4848	5658	810	Paradox Member, Hermosa Formation.
5658	5861	203	Molas
5861	6154	293	Leadville
6154	6260	106	Ouray
6260	6910	650	Devonian
6910	6945	35	Ignacio

(OVER)

NOV 9 1954

HISTORY OF OIL OR GAS WELL

16-48094-2

U. S. GOVERNMENT PRINTING OFFICE

It is of the greatest importance to have a complete history of the well. Please state in detail the dates of redrilling, together with the reasons for the work and its results. If there were any changes made in the casing, state fully, and if any casing was "sidetracked" or left in the well, give its size and location. If the well has been dynamited, give date, size, position, and number of shots. If plugs or bridges were put in to test for water, state kind of material used, position, and results of pumping or bailing.

This well was drilled to a total depth of 6945' and was plugged and abandoned on August 22, 1954. Cement plugs were placed as follows: 6945 to 6795', 6250 to 6100', 5950 to 5800', 5100 to 4900', 4200 to 4000', 2300 to 2150', 2000 to 1750', 950 to 850', 10 sacks in top of surface casing. Total 490 sacks.

On November 30, 1955, the well was re-drilled to 5304' and 5½" 14# casing was run and cemented at 5273' with 300 sacks.

To test the Paradox, casing was perforated as follows: 5120-45', 25 shots.

Tested water. Set bridge plug at 5109'. Dumped 2 sacks cement on top. Perforated 5035-70' with 140 shots. Tested water. Set bridge plug at 5020'. Perforated 4980-5005' with 100 shots. Tested water with scum of oil. Perforated 4910-40' with 120 shots.

Tested on pump January 13, 1956 to March 19, 1956. Average production 65 bbls. of fluid per day, 60% water.

Plugged March 31, 1956. Squeezed perforations with 200 sacks. Checked top of plug in 5½" casing at 4850'. Suspended.

FOR ON OUT OF THE CASE

GEORGETOWN

DEPARTMENT OF THE INTERIOR



MARATHON OIL COMPANY
FORMERLY THE OHIO OIL COMPANY

P. O. Box 120
Casper, Wyoming

March 26, 1964

Utah Oil and Gas
Conservation Commission
310 Newhouse Building
10 Exchange Place
Salt Lake City, Utah

Gentlemen:

Enclosed are four copies of form 9-331b, Notice of Intention to Abandon Navajo 1-10 in the Chinle Wash Field, San Juan County, Utah. Also enclosed is a copy of the Log of Oil Or Gas Well, Form 9-330 as submitted to the U. S. G. S.

Please call this office collect - Area Code 307 - 235-2511, Extension 361, as soon as permission for this job is granted.

Yours very truly,

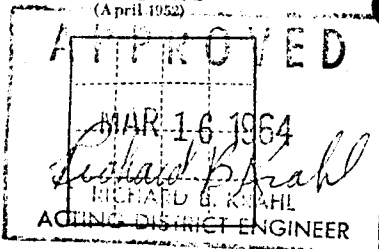
H. J. Brunt

H. J. BRUNT, DIVISION
SUPERINTENDENT OF OPERATIONS

HJB/EFL/rlw
Enclosures.

File

*Brunt and file
March 27, 1964*



(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Indian Agency Navajo
Tribal Council 1
Allottee Tribal
Lease No. 14-20-602-305

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL		SUBSEQUENT REPORT OF WATER SHUT-OFF	
NOTICE OF INTENTION TO CHANGE PLANS		SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING	
NOTICE OF INTENTION TO TEST WATER SHUT-OFF		SUBSEQUENT REPORT OF ALTERING CASING	
NOTICE OF INTENTION TO REDRILL OR REPAIR WELL		SUBSEQUENT REPORT OF REDRILLING OR REPAIR	
NOTICE OF INTENTION TO SHOOT OR ACIDIZE		SUBSEQUENT REPORT OF ABANDONMENT	
NOTICE OF INTENTION TO PULL OR ALTER CASING		SUPPLEMENTARY WELL HISTORY	
NOTICE OF INTENTION TO ABANDON WELL	X		

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

March 13, 1964

Navajo
Well No. 1-10 is located 760 ft. from INT line and 760 ft. from W line of sec. 10
10 43S 21E
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)
Chinle Wash San Juan Utah
(Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above Ground sea level is 5113 ft.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

This well has been shut in since 3-31-1956 following uncommercial tests of the Paradox member of the Hermosa formation. It is our intention to plug and abandon this well after salvaging approximately 4000' of 5 1/2", 143, J-55, 3rd casing. Plugs will be set as follows:

- Plug #1: 30 sacks cement from 3950-4050'
- Plug #2: 60 sacks cement from 2150-2300'
- Plug #3: 100 sacks cement from 1750-3000' 2000'
- Plug #4: 40 sacks cement from 850-950'
- Plug #5: 10 sacks cement in surface.

We will fill interval between plugs with heavy sand, erect marker and gaspare location for inspection.

APPROVED BY UTAH OIL AND GAS CONSERVATION COMMISSION

DATE 3-30-64

Carl W. Burchell
CHIEF PETROLEUM ENGINEER

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company Marathon Oil Company

Address P. O. Box 120

Casper, Wyoming

Phone 235-2511

By [Signature]

Title Division Supt. of Operations

4/copies to Utah Office
3-26-64 JN

(SUBMIT IN TRIPLICATE)

Indian Agency Navajo

UNITED STATES

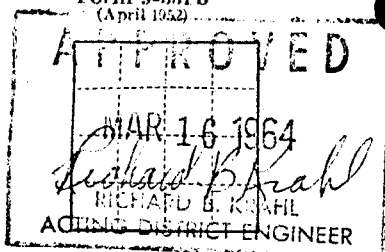
Tribal Council 11

DEPARTMENT OF THE INTERIOR

Allottee Tribal

GEOLOGICAL SURVEY

Lease No. 14-20-603-335



SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL		SUBSEQUENT REPORT OF WATER SHUT-OFF	
NOTICE OF INTENTION TO CHANGE PLANS		SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING	
NOTICE OF INTENTION TO TEST WATER SHUT-OFF		SUBSEQUENT REPORT OF ALTERING CASING	
NOTICE OF INTENTION TO REDRILL OR REPAIR WELL		SUBSEQUENT REPORT OF REDRILLING OR REPAIR	
NOTICE OF INTENTION TO SHOOT OR ACIDIZE		SUBSEQUENT REPORT OF ABANDONMENT	
NOTICE OF INTENTION TO PULL OR ALTER CASING		SUPPLEMENTARY WELL HISTORY	
NOTICE OF INTENTION TO ABANDON WELL	X		

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

March 13, 1964

Navajo

Well No. 1-10 is located 760 ft. from N line and 760 ft. from E line of sec. 10

NE 1/4 Sec. 10 43S 21E
(1/4 Sec. and Sec. No.) (Twp.) (Range)

Chinle Wash San Juan Utah
(Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above Ground sea level is 5113 ft.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

This well has been shut in since 3-31-1956 following uncommercial tests of the Paradox member of the Hermosa formation. It is our intention to plug and abandon this well after salvaging approximately 4000' of 5 1/2", 14#, J-55, 8rd casing. Plugs will be set as follows:

- Plug #1: 30 sacks cement from 3950-4050'
- Plug #2: ~~60 sacks cement from 2150-2200~~
- Plug #3: 100 sacks cement from 1750-3000' 2000
- Plug #4: 40 sacks cement from 850-950'
- Plug #5: 10 sacks cement in surface.

We will fill interval between plugs with gravel and erect marker and prepare location for inspection.

APPROVED BY UTAH OIL AND GAS
CONSERVATION COMMISSION

DATE 3-30-64

by Paul W. Burchell
CHIEF PETROLEUM ENGINEER

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company Marathon Oil Company

Address P. O. Box 120

Casper, Wyoming

Phone 235-2511

By [Signature]

Title Division Supt. of Operations.

*4 copies to Natl Ors Sec
3-26-64 JAW*

PLUGGING PROGRAM FORM

Name of Company Marathon Oil Co. Verbal Approval Given To: N. J. Brunt

Well Name: Naropa 1-10 Sec. 10 T. 43S R. 21E County: San Juan

Verbal Approval was given to plug the above mentioned well in the following manner:

- a) Cement plugs from T. D. (6945) to 5273 ft
- b) 5½" casing set at 5273 with 30 ss cement.
- c) Perforation from 5120 to 5035 isolated with bridge plugs and cement.
- d) Perforation from 5005 ft to 4910 squeezed with 200 ss. - top of cement plug in 5½" casing at 4850
- e) Cut 3½" casing at ≈ 4000 ft and place 30 ss from 3950 - 4050
- f) 100 ss from 1750 to 2000 ft across priority in chink, Moenkopi, and Cutler.
- g) 40 ss from 150 to 250 - ½ in E & S of 102" surface pipe.
- h) U.S. G. S. requested no cement a surface so that this well can be used for possible water use in the future.

Date Verbally Approved: March 30, 1964 Signed: Paul M. Burchell

(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Indian Agency Navajo
Tribal Council
Allottee Tribal
Lease No. 14-20-603-385

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL	SUBSEQUENT REPORT OF WATER SHUT-OFF	
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NOTICE OF INTENTION TO REDRILL OR REPAIR WELL	SUBSEQUENT REPORT OF REDRILLING OR REPAIR	
NOTICE OF INTENTION TO SHOOT OR ACIDIZE	SUBSEQUENT REPORT OF ABANDONMENT	X
NOTICE OF INTENTION TO PULL OR ALTER CASING	SUPPLEMENTARY WELL HISTORY	
NOTICE OF INTENTION TO ABANDON WELL		

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

May 19, 1964

Navajo

Well No. 1-10 is located 760 ft. from S line and 760 ft. from W line of sec. 10

NE $\frac{1}{4}$ -SE $\frac{1}{4}$ -SE $\frac{1}{4}$, Sec. 10 43-S 21-E
($\frac{1}{4}$ Sec. and Sec. No.) (Twp.) (Range) (Meridian)
Chinle Wash San Juan Utah
(Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above ~~sea~~ level is 5,118 ft.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

Shot off 5 $\frac{1}{2}$ " casing at 1750' and Recovered same
Set 40 Sack Plug on top of 5 $\frac{1}{2}$ " Stub
Set 40 Sack Plug from 950' to 850'
Left hole open from 850' to surface and filled with water per instructions on Notice of Intention to Abandon by Mr. Paul W. Burchell. Location cleaned and leveled Marker set. Ready for inspection

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company Marathon Oil Company

Address P. O. Box 120

Casper, Wyoming

By

Title DIVISION SUPERINTENDENT OF OPERATIONS

Copy (2): Oil & Gas Conservation Commission
State of Utah
310 Newhouse Building
Salt Lake City 11, Utah